#### Summer Off-Duty Safety



Critical Days of Summer 2008 Naval Safety Center

#### Swimming

- Practice Swim Techniques
- Always Swim With A Friend
- Swim In Areas With Life Guards

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- Do Not Drink Alcohol
- Look Before You Leap

#### **Incredible But True**



A lieutenant was snorkeling for lobster. He saw a 2-to-3-foot nurse shark and believing that this type of shark was passive, he netted it to show his girlfriend in his boat. Holding the shark by its tail at arms length his friend took pictures. Suddenly, the shark twisted and bit him in his arm. He couldn't get the shark to release by hitting it, and he had to go to a dispensary when a doctor this shark with a muscle paralyzer.

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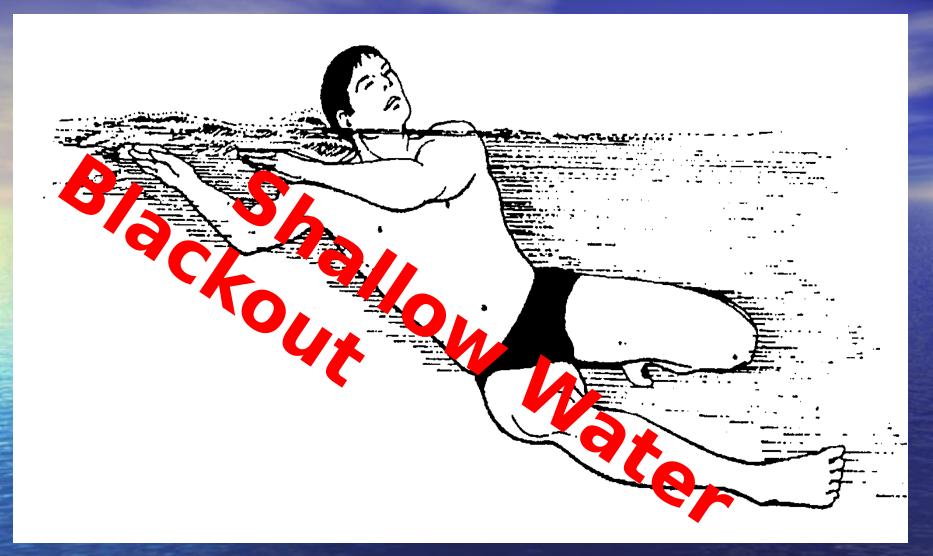
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#### Look Before You Leap!





Two Sailors had been drinking beer throughout the evening and decided to go swimming. One of them climbed into a life guard stand. His friend in the water started shouting, "I'm drowning!" as a joke. The would-be rescuer jumped head first from the life guard stand into the shallow water. He fractured his spinal cord.







#### Boating

- Safe Boating Course
- -Load Capacity
- Safety Equipment
- Float Plan
- Personal Flotation
  Devices (PFDs)
- Weather Conditions

#### Waves Can Crack You Up!





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# Personal Watercraft (PWC)

- Safety Training
- Dead Man Switch
- PFD
- No Wave Jumping
- Do Not Ride In Swim Areas
- Do Not Exceed Posted Speed
  - Limit
  - **Observé Safety Rules**

### Personal Flotation Devices (PFDs)



### White Water Rafting Toll 2 Military Fatalities

- 3 MWR Rafts 24 People
- Rafting In River
- PPE/PFDS, Helmets, Wet Suits
- **Experienced Guides**
- Conditions

**Class IV-V** 

**Known Obstructions** 

Avg. Rate @ 1,500 Cfs

Actual Rate @ 3,000 Cfs



#### White Water Rafting Operational Risk Management

- Identify Hazards
- AssessRisks
- Make RiskDecisions
- DevelopControls
- ImplementControls



## White Water Rapids What Are The Hazards?

- Fast Moving Water
- High Water
- Dangerous Rapids
- Debris
- Cold Water
- Poor Swimmer
- Inexperience



### White Water Rapids What Are The Risks?

- **Fast Moving Water Very Dangerous**
- High Water Very Dangerous
- Class V Rapids Extremely Dangerous
- Large Debris In Water Extremely Dangerous
- Cold Water Moderately Dangerous
- Poor Swimmer Moderately Dangerous
- Inexperienced Paddlers Moderately Dangerous



## White Water Rafting What Are The Risk Decisions & Controls?

- \* Fast Moving Water
- \* High Water
- \* Dangerous Rapids
- \* Debris
- \* Cold Water
- \* Poor Swimmer
- \* Inexperience

- \* Scout Area
- \* Scout Area
- \* Bigger Boats
- \* Different Route
- \* Wet Suit
- \* PFD/Helmet
- \* Briefing/Practice



### White Water Rafting: How To Survive?

Implement Controls



**Monitor Outcome** 

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#### **NON-POWERED SCOOTERS**

Helmet
 Personal Protective Equipment
 Learn How to Stop
 Smooth Surface

- Not During Peak Traffic
- No Portable Listening Devices





#### **Lightning Kills**

•Stay Inside Away From Windows
•If Outdoors Stay Away From Water
Metal Objects And Under Trees
•When Outdoors Put Your Feet
Together, Duck Your Head, Crouch
Down And Put Your Hands Over Ears

#### **Barbecuing Safety**

- Well Ventilated Areas
   Outdoors
- Approved Lighter Fluids, No Gasoline
- Stand Upwind When Lighting Grill
- For Propane Grills, Open Grill Cover Before Lighting
- After Cooking, Shut The Propane Bottle Valve Off & Let The Gas In The Lines Burn Out





#### Risk Management

- Hazard Identification
- Risk Assessment
- Risk Decisions
- Control Implementation
- Monitoring

